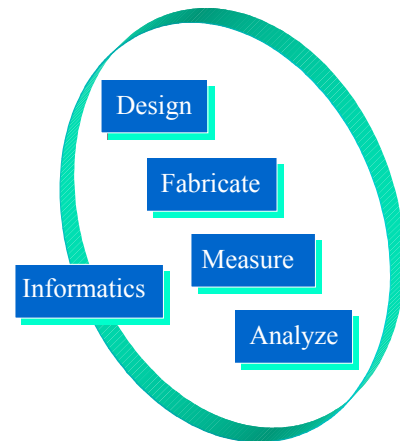# A role for NIST

Why NIST?

- Drivers for industry
    - Speed, responsiveness, innovation
    - Reduction in time, material, and waste
    - Optimization for new materials needs

- Drivers for NIST
    - Rapid development of materials data
    - Validation of combinatorial measurements
    - Connections to fundamental science

NIST Leadership

- National Meetings – National Dialogue, Vision 2020
- Tutorial Workshops – NIST, Academic, Industry
    - Library fabrication
    - High-throughput screening
    - IT infrastructure and data mining
- Demonstration Laboratory – Hands-On, Non-Proprietary
    - Industrial and academic visitors
    - Combinatorial postdoctoral training
    - Showcase for related NIST technology
    - Lowering the barrier to entry
- Internationally – Honest Broker, Method Development, Validation, Standards, Data
    - National and international meetings
    - Professional and trade organizations
    - Technical publications